

Mine Resistant Ambush Protected Vehicle



DESCRIPTION

Mine Resistant Ambush Protected (MRAP) vehicles are V-shaped hulled, raised chassis, armored vehicles with a blast resistant underbody designed to protect the crew from mine blasts, as well as fragmentary and direct fire weapons. MRAP vehicles will consist of two categories:

- Category I vehicles support operations in an urban environment and other restricted/confined spaces; including mounted patrols, reconnaissance, communications, and command and control.
- Category II vehicles will provide a reconfigurable vehicle that is capable of supporting multi-mission operations such as convoy lead, troop transport, explosive ordnance disposal (EOD), ambulance, and combat engineering.

OPERATIONAL IMPACT

MRAP vehicles will provide deployed commanders, various units, EOD and Combat Engineer teams with survivable ground mobility platforms. Marine units

operating in OIF/OEF require vehicles capable of surviving Improvised Explosive Device (IED)/mine, small arms fire, rocket propelled grenade and vehicle borne IED attacks. As Marines are expected to participate in and/or respond rapidly to a variety of offensive operations and stability and security operations without a large security contingent, they need a vehicle capable of functioning in a counter attack after surviving a “first blow” ambush or attack. Accordingly, operational experience dictates current and anticipated missions engaged in by all MAGTF levels in theater are better supported by a family of MRAP vehicles: multi-mission, troop transport, cargo, and ambulance and EOD/Engineering mission. There is an immediate need for an MRAP vehicles to increase survivability and mobility of Marines operating in a hazardous fire areas against known threats.

PROGRAM STATUS

MRAP vehicles will provide deployed commanders, various units, EOD and Combat Engineer teams with survivable ground mobility platforms. Marine units operating in OIF/OEF require vehicles capable of surviving Improvised Explosive Device (IED)/mine, small arms fire, rocket propelled grenade and vehicle borne IED attacks. As Marines are expected to participate in and/or respond rapidly to a variety of offensive operations and stability and security operations without a large security contingent, they need a vehicle capable of functioning in a counter attack after surviving a “first blow” ambush or attack. Accordingly, operational experience dictates current and antici-

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Procurement Profile:	FY 2007	FY 2008
Quantity:	1,022	2,678

Developer/Manufacturer:
TBD